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| Issue Classification  | Application No. | Applicant(s) | |
| | 10/047,002 | HIMMEL ET AL. | |
| | Examiner | Art Unit | |
| | DANH C LE | 2683 | |

| ISSUE CLASSIFICATION | | | | | | | | | |
|------------------------------|----------|-------|-----------------------------------|-------|-------|-------|--|--|--|
| ORIGINAL | | | CROSS REFERENCE(S) | | | | | | |
| CLASS | SUBCLASS | CLASS | SUBCLASS (ONE SUBCLASS PER BLOCK) | | | | | | |
| 455 | 456.4 | 455 | 456.5 | 456.6 | 412.2 | 412.1 | | | |
| INTERNATIONAL CLASSIFICATION | | | | | | | | | |
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|------------------------------------|-------------------|--|-----------------------------|-------------------------|
| Danh (Assistant Examiner) | 4/6/05 (Date) | WILLIAM TROST SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 2600 (Primary Examiner) | Total Claims Allowed: 42 | |
| fd (Legal Instruments Examiner) | 4/13/05 (Date) | | O.G. Print Claim(s) 1 | O.G. Print Fig. 4 |

| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant | | <input type="checkbox"/> CPA | | <input type="checkbox"/> T.D. | | <input type="checkbox"/> R.1.47 | |
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| Final | Original | Final | Original | Final | Original | Final | Original |
| 1 | 1 | 31 | 31 | | 61 | | 91 |
| 2 | 2 | 32 | 32 | | 62 | | 92 |
| 3 | 3 | 33 | 33 | | 63 | | 93 |
| 4 | 4 | 34 | 34 | | 64 | | 94 |
| 5 | 5 | 35 | 35 | | 65 | | 95 |
| 6 | 6 | 36 | 36 | | 66 | | 96 |
| 7 | 7 | 37 | 37 | | 67 | | 97 |
| 8 | 8 | 38 | 38 | | 68 | | 98 |
| 9 | 9 | 39 | 39 | | 69 | | 99 |
| 10 | 10 | 40 | 40 | | 70 | | 100 |
| 11 | 11 | 41 | 41 | | 71 | | 101 |
| 12 | 12 | 42 | 42 | | 72 | | 102 |
| 13 | 13 | 43 | 43 | | 73 | | 103 |
| 14 | 14 | 44 | 44 | | 74 | | 104 |
| 15 | 15 | 45 | 45 | | 75 | | 105 |
| 16 | 16 | 46 | 46 | | 76 | | 106 |
| 17 | 17 | 47 | 47 | | 77 | | 107 |
| 18 | 18 | 48 | 48 | | 78 | | 108 |
| 19 | 19 | 49 | 49 | | 79 | | 109 |
| 20 | 20 | 50 | 50 | | 80 | | 110 |
| 21 | 21 | 51 | 51 | | 81 | | 111 |
| 22 | 22 | 52 | 52 | | 82 | | 112 |
| 23 | 23 | 53 | 53 | | 83 | | 113 |
| 24 | 24 | 54 | 54 | | 84 | | 114 |
| 25 | 25 | 55 | 55 | | 85 | | 115 |
| 26 | 26 | 56 | 56 | | 86 | | 116 |
| 27 | 27 | 57 | 57 | | 87 | | 117 |
| 28 | 28 | 58 | 58 | | 88 | | 118 |
| 29 | 29 | 59 | 59 | | 89 | | 119 |
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